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United States Patent [19]

Slettnes

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[54] **METHOD AND SYSTEM FOR
VELOCITY-NORMALIZED POSITION-
BASED SCANNING**

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[52] U.S. Cl. **250/573; 204/612**

[58] Field of Search **204/612; 250/573,
250/576, 461.2**

[56] **References Cited**

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[57] **ABSTRACT**

A data collection method for scanning a scan window comprising one or more channels is described. In the method of the invention an integrated signal (S) is measured across a scan window including one or more channels using an integrating detector. Next, a velocity-normalized integrated signal (Sn) is determined based on the integrated signal (S) and a scan velocity.

25 Claims, 8 Drawing Sheets

